

Abstract

Projection systems having o-plate compensation elements are described. The compensation elements may be negative, positive or biaxial anisotropic element and may have a homogeneous tilt or a splayed tilt. The compensation elements may be formed from a polymer liquid crystal. The compensation elements are designed to maximize azimuth-averaged contrast. The compensation elements may be placed on the same side of a liquid crystal panel when a micro-lens array is used to improve the ease of manufacture.